

## REMARKS

Claims 64–80 are pending in the application. Claims 17-18 and 57-60 have been canceled without prejudice. Claims 64–80 have been added.

Support for the newly added claims can be found throughout the published version of the specification (U.S. 2002/0101824), including but not limited to ¶¶0002–0003, ¶¶0006–0008, ¶¶0023–0025; Figs. 1–4; and Fig. 6.

The Examiner rejected the previously pending claims under Section 103 using various combinations of references that included Bush et al. (U.S. Pat. No. 5,539,452); Helmy et al. (Knowledge Based Fault Location in a Data Communication Network, CH2538—7/88/0000-1729, IEEE); and Microsoft Press Computer Dictionary, Third Edition, 1997 (“Microsoft Dictionary”). Applicant submits the current claims are distinguishable over all combinations of these references.

Claim 64 recites, for example, “a second computer coupled to an **emulator**, wherein the emulator is **configured to emulate a design of an integrated circuit having a network interface**” (emphasis added). Applicant submits that neither Bush, Helmy, or Microsoft Dictionary, alone or in combination, teaches or suggests such a feature in combination with the remaining features of that claim.

Bush instead teaches, for example, an “apparatus and method for asynchronously transmitting and receiving a composite signal, which includes video and audio information, over an ordinary telephone line.” Bush at col. 1, lines 13-15. Helmy teaches “a demonstration expert system” “for diagnosis of fault conditions” in “a public data communications network of Telecom Canada.” Helmy at 53.4.1, col. 1. Microsoft Dictionary merely teaches, for example, that “error checking” is “[a] method for detecting discrepancies between transmitted and received data during file transfer.” Microsoft Dictionary at 179. Thus it can be seen that these references do not teach or suggest the above-recited element of claim 64.

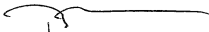
Nor do these references teach, as recited in dependent claim 65, “**a third computer connected to the emulator via a bus**; wherein the emulator is configured to send [] processed data to [a] third computer” (emphasis added). Bush, Helmy, and Microsoft Dictionary also do not teach or suggest, as recited in independent claim 73, “[a] first computer **sending data** corresponding to [received] buffered data packets **to an emulator, wherein the emulator is**

configured to emulate a design of an integrated circuit to be used as a component of a network communication device, and wherein said sending occurs at a speed slower than [a] first speed” (emphasis added). Applicant submits that for at least the reasons above, independent claims 64 and 73 and dependent claim 65 are distinguishable over the cited art. The other pending claims depend variously from claims 64 and 73, and thus are distinguishable for at least the same reasons.

In view of the foregoing amendments and remarks, Applicant submits that all pending claims are now in condition for allowance, and an early notice to that effect is earnestly solicited. If a phone interview would speed allowance of any pending claims, such is requested at the Examiner’s convenience.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. No fees are believed due as a result of the present amendments, but if any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505\6057-16302.

Respectfully submitted,



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